### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of:

Frosien

Patent No.: 7,663,102 B2

Issued:

February 16, 2010

Serial No.: 10/593,246

Filed:

July 17, 2007

For:

HIGH CURRENT DENSITY

PARTICLE BEAM

**SYSTEM** 

Certificate of Correction Branch Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Group Art Unit: 2881

Examiner: Michael J. Logie

Confirmation No.: 9935

### **CERTIFICATE OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted electronically to the U.S. Patent and Trademark Office via EFS-Web on 2010, addressed to: Certificate of Correction Branch Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature

Name: Keith M. Tackett

Date

## REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors made in the detailed description of the drawings and the claims section of the printed patent. Applicants submit that the errors mentioned above were made by the USPTO during the printing of the patent, as well as by Applicants. The Certificate of Correction fee of \$100.00 is being paid on-line by the undersigned. However, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782 for additional fees that may be required to make this request timely and acceptable to the Office.

Respectfully submitted,

Keith M. Tackett

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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO: 7,663,102 B2

Page 1 of 1

**APPLICATION NO.: 10/593,246** DATED: February 16, 2010

INVENTOR(S): Frosien

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

### In Detailed Description of the Drawings:

Column 6, Line 47, please delete " $D_{probe} = (D^2_{sperical} + D^2_{chromatic} + D^2_{interaction})^{1/2}$ " and insert -- $D_{probe} = (D^2_{spherical} + D^2_{chromatic} + D^2_{interaction})^{1/2} - - \text{therefor};$ 

Column 6, Line 50, please delete " $D_{special} = C_{s\alpha}^3$ " and insert -  $D_{spherical} = C_{s\alpha}^3$  - - therefor,

Column 6, Line 56, please delete " $D_{sperical\ enlargement} = 3C_s \alpha_B \alpha^2$ " and insert - -  $D_{spherical\ enlargement} = 3C_s \alpha_B \alpha^2$  - therefor;

Column 10, Line 35, please delete "changed" and insert - -charged- - therefor;

### In the Claims:

Column 11, Claim 5, Line 56, insert - -the- - before same.

MAILING ADDRESS OF SENDER (Please do not use customer number below): **PATTERSON & SHERIDAN** 3040 Post Oak Bivd, Ste 1500 Houston, TX 77056-6582

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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